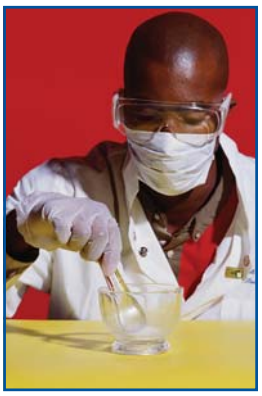
EMPLOYMENT OPPORTUNITIES

NRL

for

Highly Innovative, Motivated, and Creative Personnel

NRL offers a wide variety of challenging positions that involve the full range of work, from basic and applied research to equipment development. The nature of the research and development conducted at NRL requires professionals with experience. Typically there is a continuing need for electronics, mechanical, aerospace, materials engineers, metallurgists, computer scientists, and oceanographers with bachelor's and/or advanced degrees and physical and computer scientists with Ph.D. degrees.



Chemists. Chemists are recruited to work in the areas of combustion, polymer science, bioengineering and molecular engineering, surface science, materials, synthesis, nanostructures, corrosion, fiber optics, electro-optics, microelectronics, electron-device technology, and laser physics.

Physicists. Physics graduates may concentrate on such fields as materials, solid-state physics, fiber optics, electro-optics, microelectronics, vacuum science, plasma physics, fluid mechanics, signal processing, ocean acoustics, information processing, artificial intelligence, electron-device technology, radio-wave propagation, laser physics, ultraviolet/X-ray/gamma-ray technology, electronic warfare, electromagnetic interaction, communications systems, radio frequency/microwave/millimeter wave/infrared technology, computational physics, radio and high energy astronomy, solar physics, and space physics.

Biologists. Biologists conduct research in areas that include biosensor development, tissue engineering, molecular biology, genetic engineering, proteomics and environmental monitoring.

Oceanographers, Meteorologists, and Marine Geophysicists. These employees work in the areas of ocean and atmospheric dynamics, air-sea interaction, upper-ocean dynamics, oceanographic bio-optical modeling, oceanic and atmospheric numerical modeling and prediction, data assimilation and data fusion, retrieval and application of remote sensing data, benthic processes, aerogeophysics, marine sedimentary processes, advanced mapping techniques, atmospheric physics, and remote sensing. Oceanographers and marine geophysicists are located in Washington, D.C., and the Stennis Space Center, Bay St. Louis, Mississippi. Meteorologists are located in Washington, D.C., and Monterey, California.

Electronics Engineers and Computer Scientists. These employees may work in the areas of communications systems, electromagnetic scattering, electronics instrumentation, electronic warfare systems, radio frequency/microwave/millimeter wave/infrared technology, radar systems, laser physics technology, radio-wave propagation, electron device technology, spacecraft design, artificial intelligence, information processing, signal processing, plasma physics, vacuum science, microelectronics, electro-optics, fiber optics, solid state, software engineering, computer design/architecture, ocean acoustics, stress analysis, and expert systems.

Mechanical and Aerospace Engineers. These employees may work in areas of spacecraft design, remote sensing, propulsion, experimental and computational fluid mechanics, experimental structural mechanics, solid mechanics, elastic/plastic fracture mechanics, materials, finite-element methods, nondestructive evaluation, characterization of fracture resistance of structural alloys, combustion, CAD/CAM, and multi-functional material response.

Materials Scientists/Engineers. These employees are recruited to work on materials, microstructure characterization, electronic ceramics, solid-state physics, fiber optics, electro-optics, microelectronics, fracture mechanics, vacuum science, laser physics and joining technology, and radio frequency/microwave/millimeter wave/infrared technology.

For more information on current vacancy listings, visit http://amp.nrl.navy.mil/code1800/